

SEQUENCE LISTING

*Dukar*hKir5.1 amino acid sequence (SEQ ID NO:1)

5 MSYYGSSYHIINADAKYPGYPPEHIAEKRRARRRLHKDGSCNVYFKHIFGEWGSY
VVDIFTLVDTKWRHMFVIFSLSYILSWLIFGSVFWLIAFHHDLLNDPDTPCVDNV
HSFTGAFLSLETQTTIGYGYRCVTEECVASLVMVILQSIILSCIINTFIIGAALAKMATA
RKRAQTIRFSYFALIGMRDGKLCLMWRIGDFRPNHVVEGTVRAQLLRYTEDSEGRM
TMAFKDLKLVNDQIILVTPVTIVHEIDHESPLYALDRKAVAKDNFEILVTFIYTGDSTG
10 TSHQSRSSYVPRXILWGHRFNDVLEVKRKYYKVNCQLFEGSVEVYAPFCSAKQLDW
KDQQLHIEKAPPVRESCTSDTKARRRSFSAVAVSSW

hKir5.1 nucleotide sequence (SEQ ID NO:2)

15 TTACTACTACAAAACCTACCTGGATCCCTAAGGGCACAGCAAAGAATGAGCTATT
ACGGCAGCAGCTATCATATTATCAATGCGGACGCAAATACCCAGGCTACCCGC
CAGAGCACATTATAGCTGAGAAGAGAAGACCAAGAAGACGATTACTTCACAAAG
ATGGCAGCTGTAATGTCTACTTCAAGCACATTGGAGAATGGGAAGCTATGT
GGTGACATCTTCAACACTCTTGTGGACACCAAGTGGGCCATATGTTGTGATA
20 TTTTCTTATCTTATATTCTCGTGGTGATATTGGCTCTGTCTTGGCTCATA
GCCTTCATCATGGCGATCTATTAAATGATCCAGACATCACACCTGTGTTGACA
ACGTCCATTCTTCACAGGGCCTTTGTTCTCCCTAGAGACCCAAACCACCAT
AGGATATGGTTATCGCTGTACTGAAGAATGTTCTGTGGCCGTGCTCATGGT
ATCCTCCAGTCCATCTTAAGTGCATCATAAATACCTTATCATTGGAGCTGCCTT
25 GGCCAAAATGGCAACTGCTCGAAAGAGAGGCCAAACCATTGTTCAGCTACTTT
GCACTTATAGGTATGAGAGATGGGAAGCTTGCTCATGTGGCGCATTGGTGATT
TTCGGCCAAACCACGTGGTAGAAGGAACAGTTAGAGGCCAACTTCTCCGCTATAC
AGAAGACAGTGAAGGGAGGATGACGATGGCATTAAAGACCTCAAATTAGTC
CGACCAAATCATCCTGGTCACCCGGTAACATTGTCCATGAAATTGACCATGAG
30 AGCCCTCTGTATGCCCTGACCGCAAAGCAGTAGCCAAAGATAACTTGAGATT
TGGTGACATTATCTATACTGGTGATTCCACTGGAACATCTCACCAATCTAGAAG

CTCCTATGTTCCCCGARAAATTCTCTGGGCCATAGTTAATGATGTCTGGAA
GTTAAGAGGAAGTATTACAAAGTGAAC TGCTACAGTTGAAGGAAGTGTGGAA
GTATATGCCCTTGCAGTGCCAAGCAATTGGACTGGAAAGACCAGCAGCTCC
ACATAGAAAAAGCACCAACCAGTCGAGAACCTGCACGTCGGACACCAAGGCAG
5 GACGAAGGTCA TTAGTGCAGTTGCCATTGTCAGCAGCTGGTAAAACCCCTGAG
GAGACCACCACTTCGCCACACATGAATATAGGGAAACACCTTATCAGAAAGCT
CTCCCTGACTTAAACAXGAATCCTCTGTWGAATCCAAATGTTAGTCCTAAAAT
TGCAATTATGAGGGCTACCACTGAATCATTTATCTTCAGCCAATCAAGTCGTT
GTAAACGTGGCTTTTGAAAGTGTATGGCTATGTTATGATGATGCTGGTAA
10 GTAGAGTAAGTTAAACTGGTAAAGATAATCTAAAAATTCCATAGTTCTCAGTT
ATTAAAATTTCTGTTCCCGGAATTC

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cont*

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